E. E. TYRTYSHNIKOV, A. YU. YEREMIN, AND N. L. ZAMARASHKIN (Moscow, Russia) ENRICO BOASSO (Buenos Aires, República Argentina) Joint Spectra and Nilpotent Lie Algebras of Linear Transformations 49 DMITRY FALIKMAN (Haifa, Israel) PETER BENNER (Chemnitz, Federal Republic of Germany) and HEIKE FABBENDER (Bremen, Federal Republic of Germany) An Implicitly Restarted Symplectic Lanczos Method for the Hamiltonian ZHI-HAO CAO (Shanghai, People's Republic of China) HARALD FRIPERTINGER (Graz. Austria) ARNOLD NEUMAIER (Wien, Austria) MICHAEL K. NG (Canberra, Australia) FFT-Based Exponentially Weighted Recursive Least Squares T. Parthasarathy (New Delhi, India), R. Sridhar (Toronto, Ontario, Canada), and B. SRIPARNA (New Delhi, India) DON COPPERSMITH, ALAN J. HOFFMAN (Yorktown Heights, New York), AND URIEL G. ROTHBLUM (Haifa, Israel) Inequalities of Rayleigh Quotients and Bounds on the Spectral Radius of WILAND SCHMALE (Oldenburg, Germany)

Table of Contents continued

S. Galanis, A. Hadjidimos, and D. Noutsos (West Lafayette, Indiana) Optimal p-Cyclic SOR for Complex Spectra
BILL G. HORNE (Princeton, New Jersey) Lower Bounds for the Spectral Radius of a Matrix
ETTORE FORNASINI AND MARIA ELENA VALCHER (Padova, Italy) Directed Graphs, 2D State Models, and Characteristic Polynomials of Irreducible Matrix Pairs
TIAN-GANG LEI (Beijing, China) Generalized Schur Functions and Generalized Decomposable Symmetric Tensors
KLAUS RÖBENACK AND KURT J. REINSCHKE (Dresden, Germany) Graph-Theoretically Determined Jordan-Block-Size Structure of Regular Matrix Pencils
KAREL DEKIMPE, PAUL IGODT, AND VEERLE ONGENAE (Kortrijk, Belgium) The Five-Dimensional Complete Left-Symmetric Algebra Structures Compatible With an Abelian Lie Algebra Structure
W. Q. LIU AND V. SREERAM (Perth, Australia) A New Characterization on Stability Bounds for Singularly Perturbed Systems
AUTHOR INDEX